

NAME _____

DATE _____

Solve each proportion.

1) $\frac{x}{4} = \frac{8}{2}$

2) $\frac{3}{2} = \frac{x}{14}$

3) $\frac{2}{6} = \frac{6}{x}$

4) $\frac{4}{x} = \frac{6}{9}$

5) $\frac{2}{4} = \frac{x}{2}$

6) $\frac{10}{5} = \frac{4}{x}$

7) $\frac{x}{6} = \frac{5}{10}$

8) $\frac{3}{8} = \frac{9}{x}$

9) $\frac{6}{3} = \frac{x+4}{2}$

10) $\frac{4}{x+9} = \frac{2}{8}$

11) $\frac{6}{x-4} = \frac{2}{7}$

12) $\frac{3}{2} = \frac{x+9}{6}$

13) $\frac{x-9}{4} = \frac{x}{8}$

14) $\frac{4}{x} = \frac{3}{x-3}$

15) $\frac{x}{6} = \frac{x+5}{8}$

NAME _____

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Solve each proportion.

1) $\frac{x}{4} = \frac{8}{2}$

$x = 16$

2) $\frac{3}{2} = \frac{x}{14}$

$x = 21$

3) $\frac{2}{6} = \frac{6}{x}$

$x = 18$

4) $\frac{4}{x} = \frac{6}{9}$

$x = 6$

5) $\frac{2}{4} = \frac{x}{2}$

$x = 1$

6) $\frac{10}{5} = \frac{4}{x}$

$x = 2$

7) $\frac{x}{6} = \frac{5}{10}$

$x = 3$

8) $\frac{3}{8} = \frac{9}{x}$

$x = 24$

9) $\frac{6}{3} = \frac{x+3}{2}$

$x = 1$

10) $\frac{4}{x+9} = \frac{2}{8}$

$x = 7$

11) $\frac{6}{x-4} = \frac{2}{7}$

$x = 25$

12) $\frac{3}{2} = \frac{x+9}{6}$

$x = 0$

13) $\frac{x-9}{4} = \frac{x}{8}$

$x = 18$

14) $\frac{4}{x} = \frac{3}{x-3}$

$x = 12$

15) $\frac{x}{6} = \frac{x+5}{8}$

$x = 15$